

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
 Data File : BG038414.D
 Acq On : 7 Dec 2018 22:06
 Operator : JU/SJ
 Sample : J6234-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-218

Quant Time: Dec 08 04:33:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	27492	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	95137	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	62215	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	168261	20.00	ng	0.00
76) Chrysene-d12	21.73	240	167466	20.00	ng	-0.02
87) Perylene-d12	25.04	264	170669	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	144987	93.33	ng	0.00
7) Phenol-d6	7.22	99	189470	84.38	ng	0.00
23) Nitrobenzene-d5	9.24	82	145299	75.83	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	94137	123.25	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	499211	114.33	ng	0.00
79) Terphenyl-d14	20.05	244	646583	82.71	ng	0.00

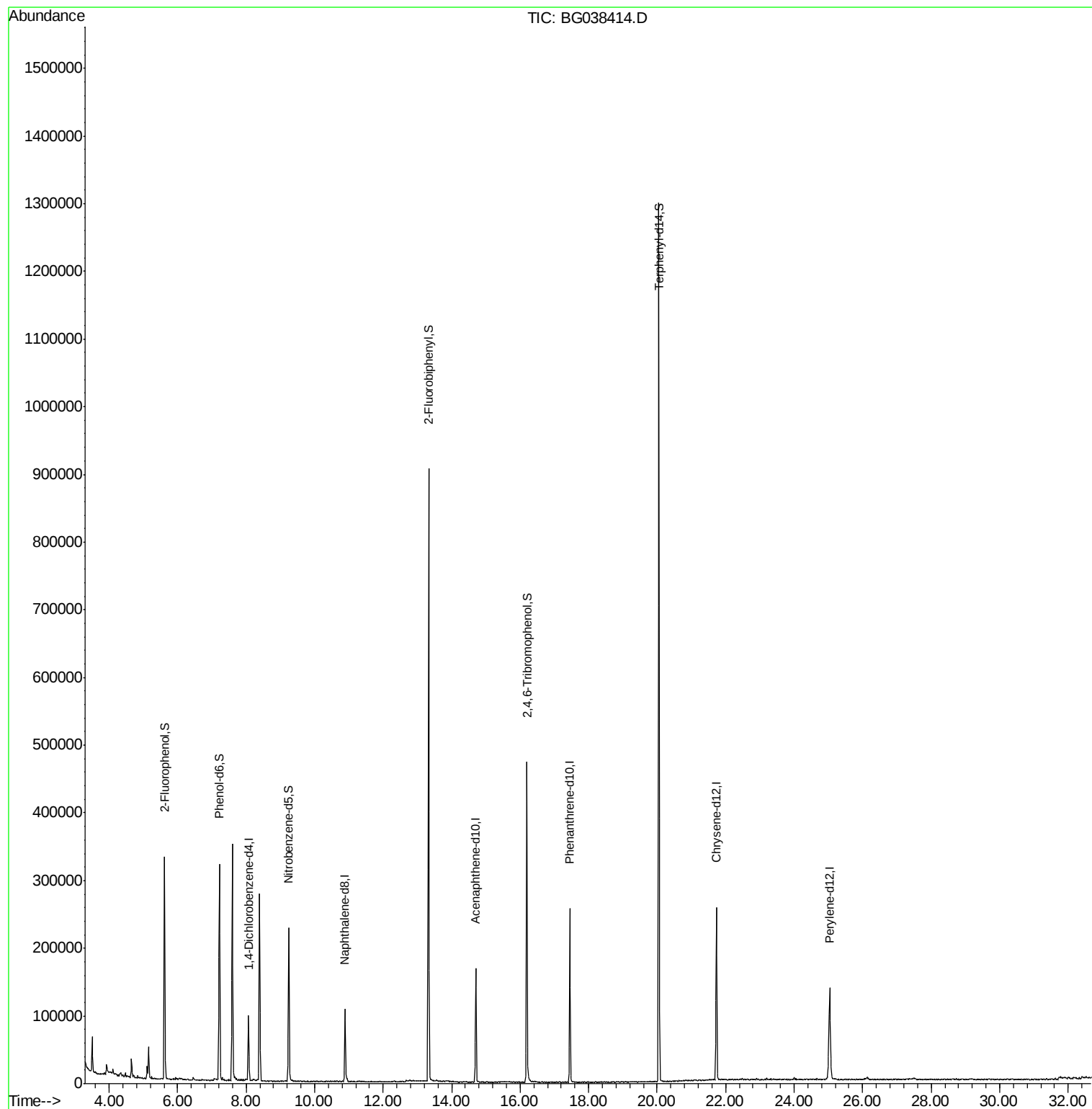
Target Compounds	Qvalue
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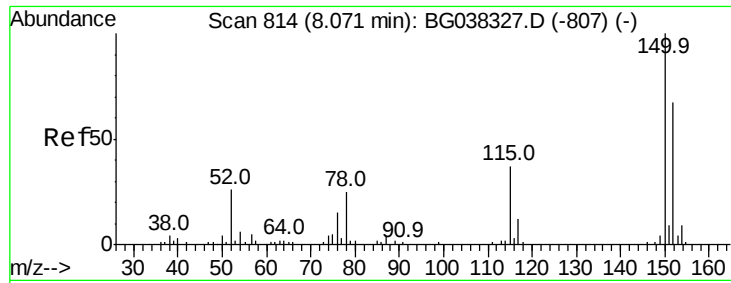
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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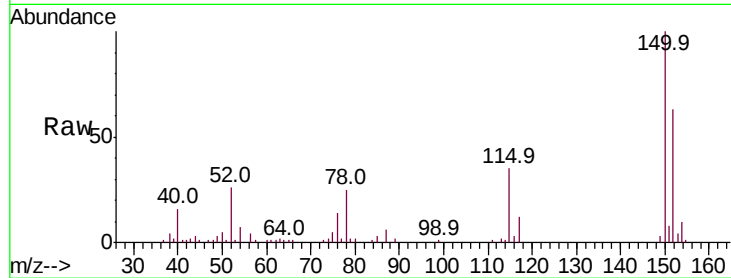


#1

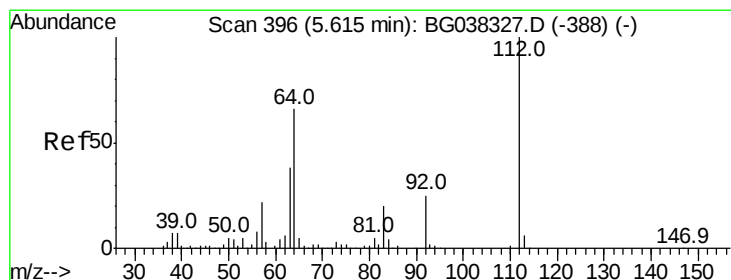
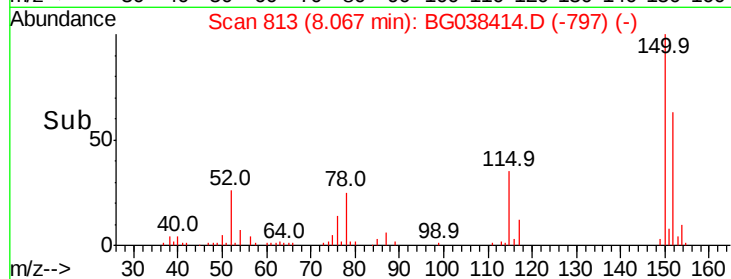
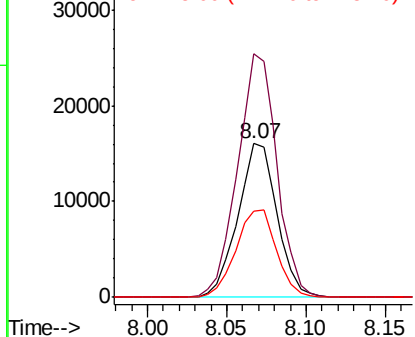
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG038414.D
Acq: 7 Dec 2018 22:06

Instrument :
BNA_G
ClientSampleId :
VNJ-218

Tot Ion:152 Resp: 27492
Ion Ratio Lower Upper
152 100
150 158.5 126.0 189.0
115 55.9 45.5 68.3



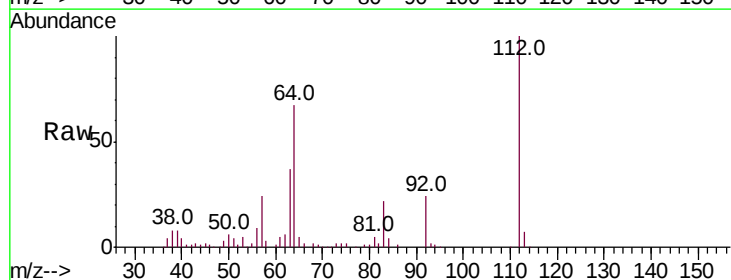
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



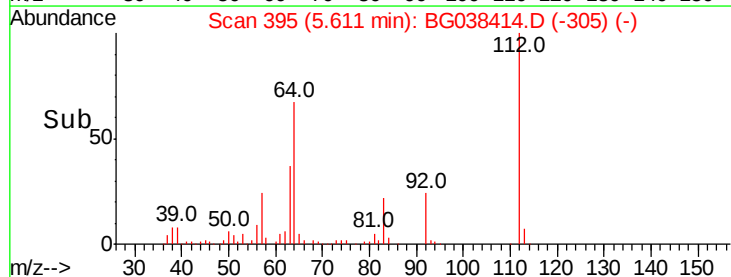
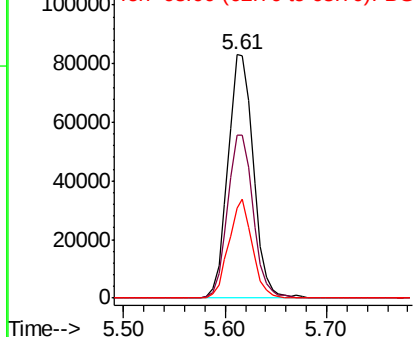
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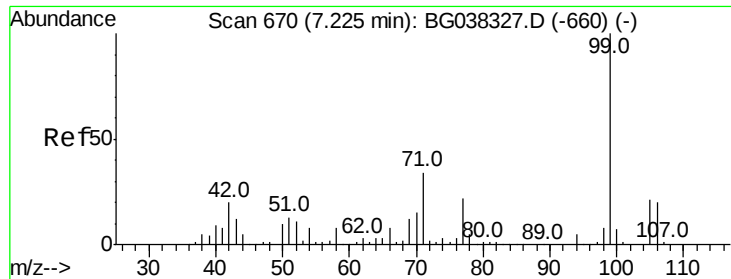
2-Fluorophenol
Concen: 93.327 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.00 min
Lab File: BG038414.D
Acq: 7 Dec 2018 22:06

Tgt Ion:112 Resp: 144987
Ion Ratio Lower Upper
112 100
64 66.7 53.1 79.7
63 37.2 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 84.382 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG038414.D

Acq: 7 Dec 2018 22:06

Instrument :

BNA_G

ClientSampled :

VNJ-218

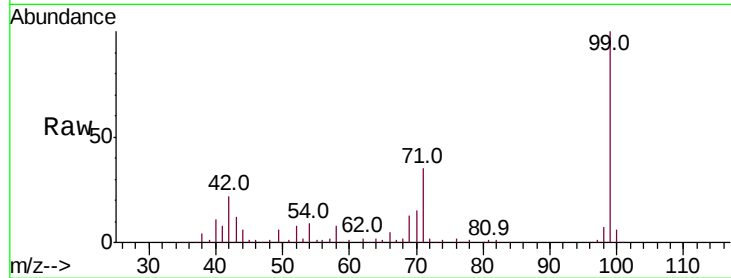
Tot Ion: 99 Resp: 189470

Ion Ratio Lower Upper

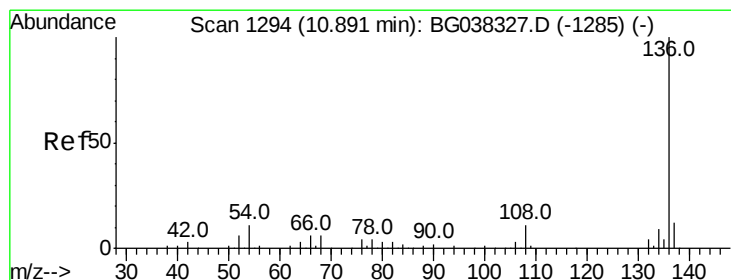
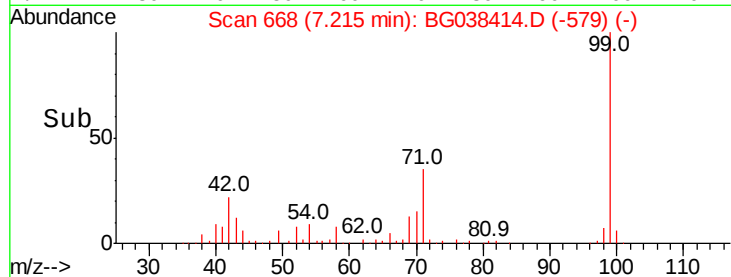
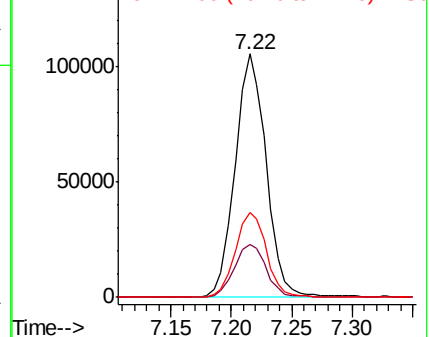
99 100

42 21.6 15.0 22.4

71 34.8 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.89 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BG038414.D

Acq: 7 Dec 2018 22:06

Tgt Ion: 136 Resp: 95137

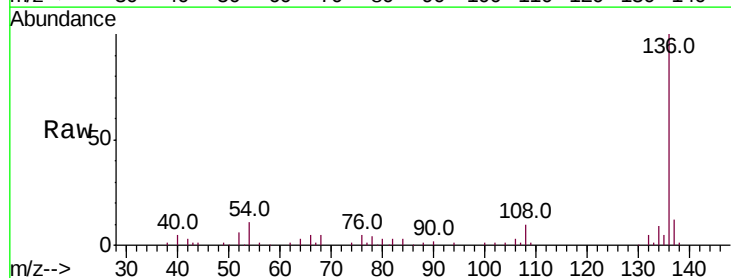
Ion Ratio Lower Upper

136 100

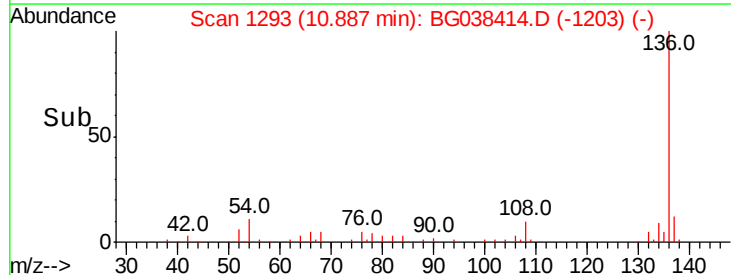
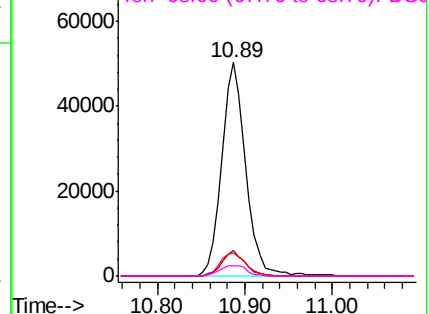
137 12.2 9.6 14.4

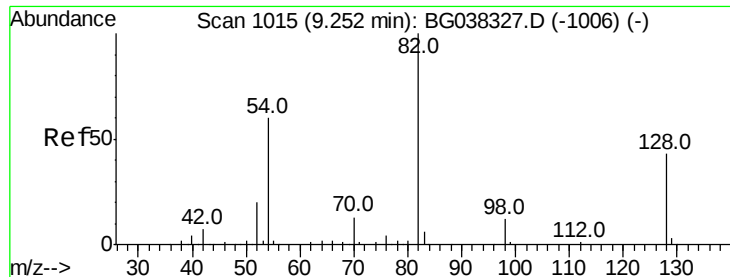
54 11.1 7.9 11.9

68 5.0 4.8 7.2



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

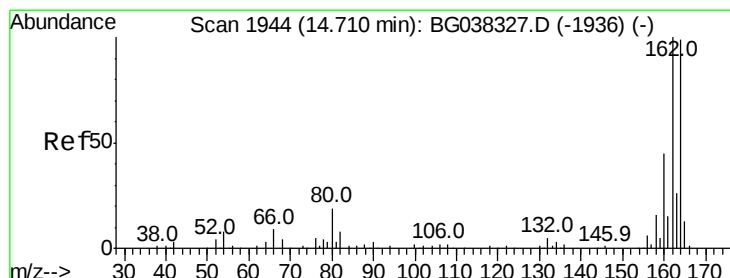
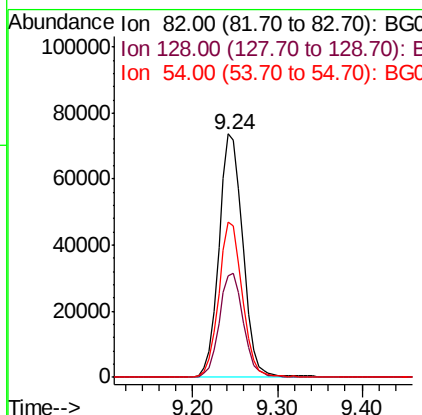
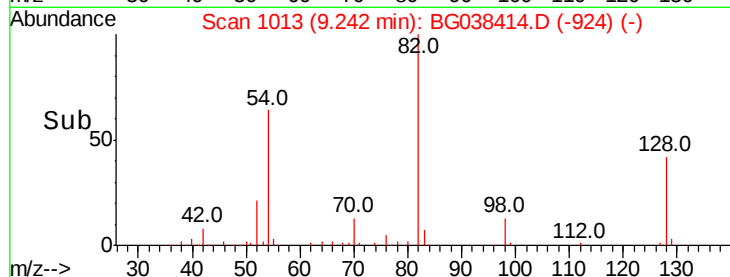
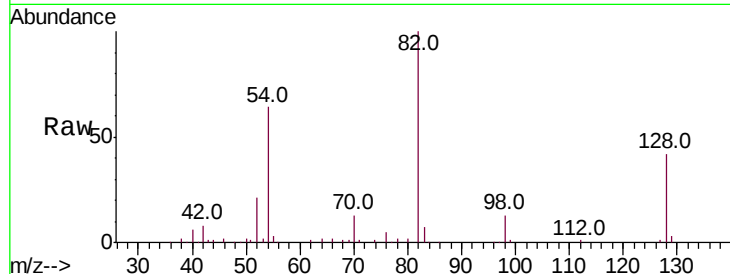




#23
Nitrobenzene-d5
Concen: 75.825 ng
RT: 9.24 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BG038414.D
Acq: 7 Dec 2018 22:06

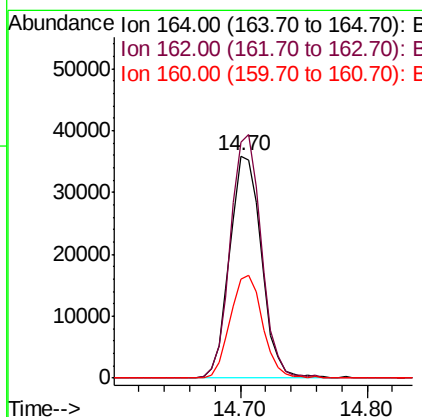
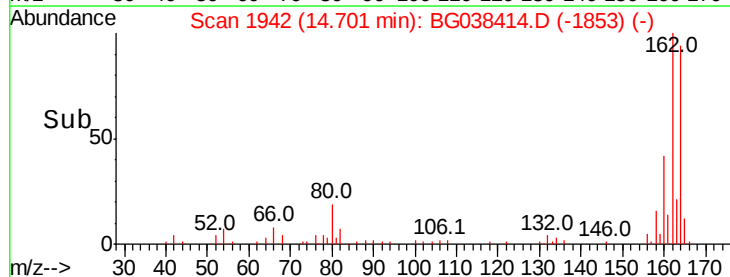
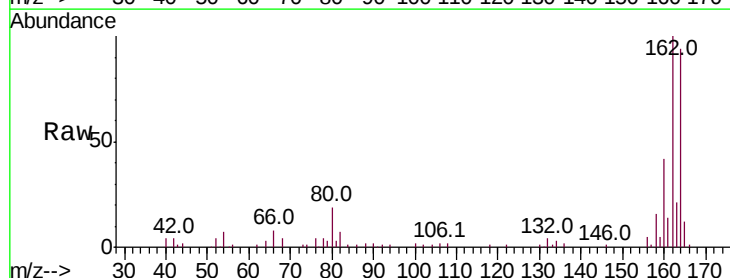
Instrument :
BNA_G
ClientSampleId :
VNJ-218

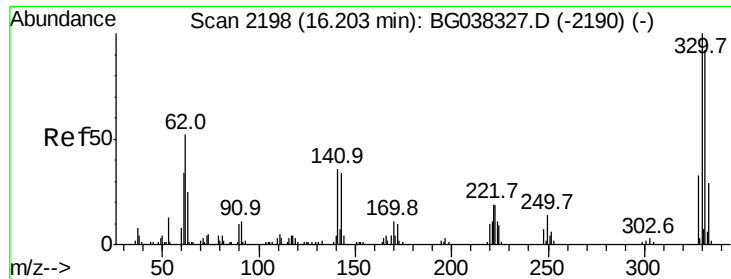
Tot Ion: 82 Resp: 145299
Ion Ratio Lower Upper
82 100
128 41.8 34.6 51.8
54 63.7 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BG038414.D
Acq: 7 Dec 2018 22:06

Tgt Ion:164 Resp: 62215
Ion Ratio Lower Upper
164 100
162 106.2 81.3 121.9
160 44.4 36.3 54.5

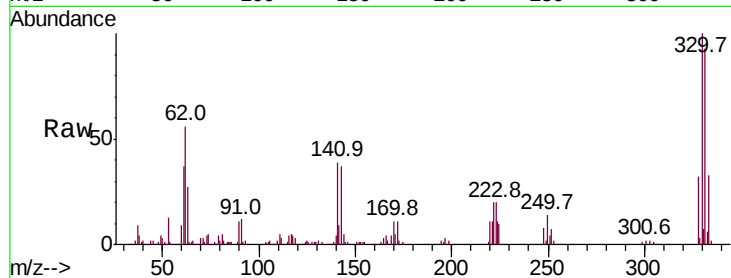




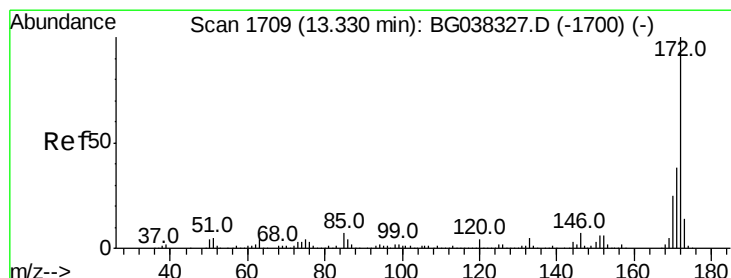
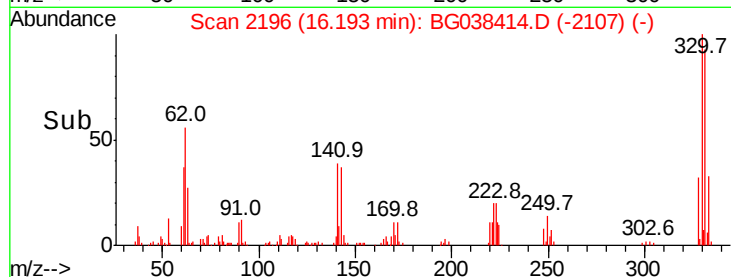
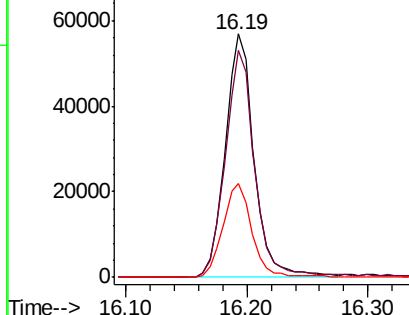
#42
 2,4,6-Tribromophenol
 Concen: 123.254 ng
 RT: 16.19 min Scan# 2196
 Delta R.T. -0.01 min
 Lab File: BG038414.D
 Acq: 7 Dec 2018 22:06

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-218

Tot Ion:330 Resp: 94137
 Ion Ratio Lower Upper
 330 100
 332 95.0 78.4 117.6
 141 39.0 32.2 48.2

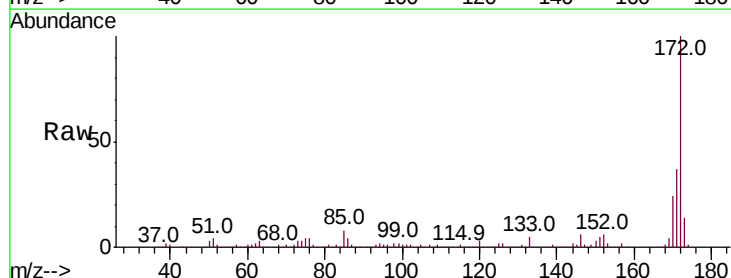


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

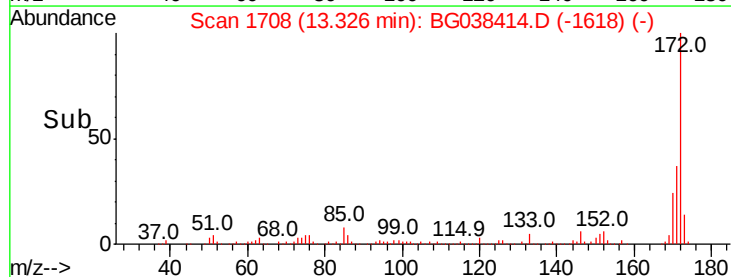
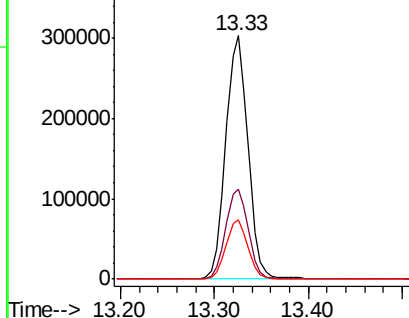


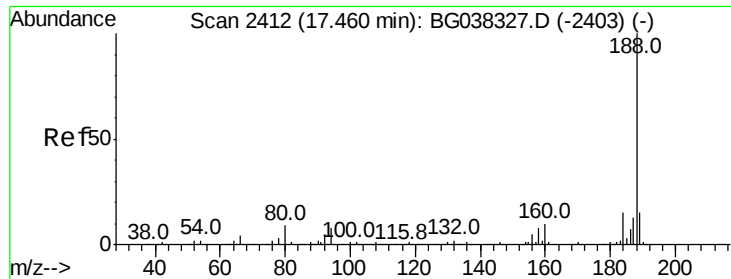
#45
 2-Fluorobiphenyl
 Concen: 114.335 ng
 RT: 13.33 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG038414.D
 Acq: 7 Dec 2018 22:06

Tgt Ion:172 Resp: 499211
 Ion Ratio Lower Upper
 172 100
 171 36.7 31.0 46.4
 170 24.5 20.2 30.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

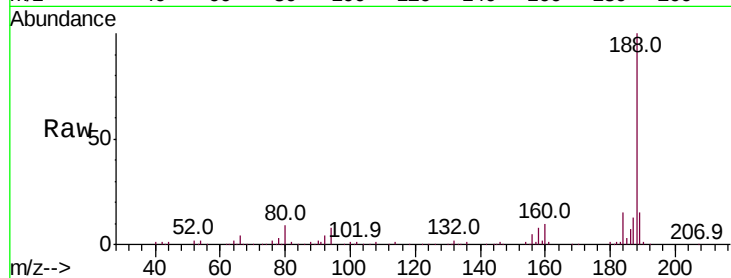




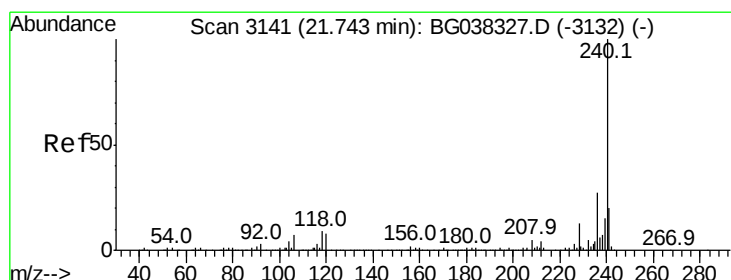
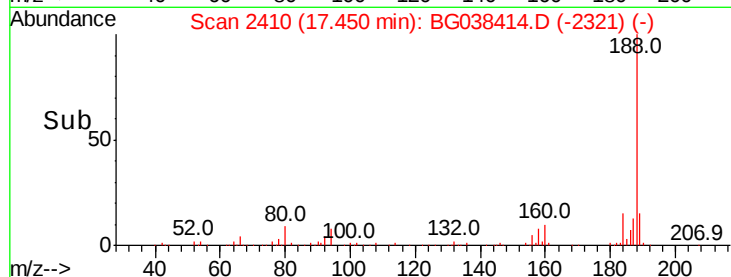
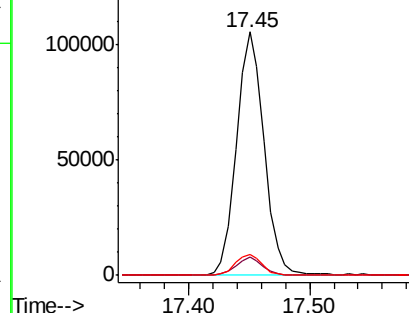
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BG038414.D
Acq: 7 Dec 2018 22:06

Instrument :
BNA_G
ClientSampleId :
VNJ-218

Tot Ion:188 Resp: 168261
Ion Ratio Lower Upper
188 100
94 7.7 7.2 10.8
80 8.6 7.7 11.5

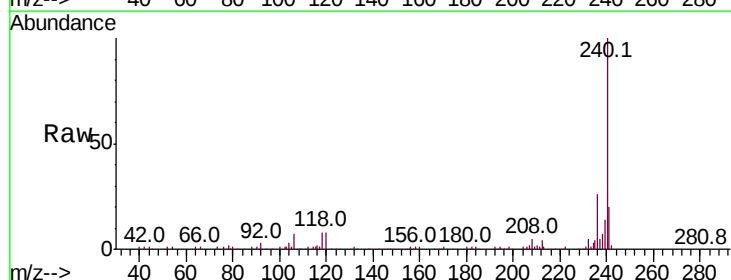


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

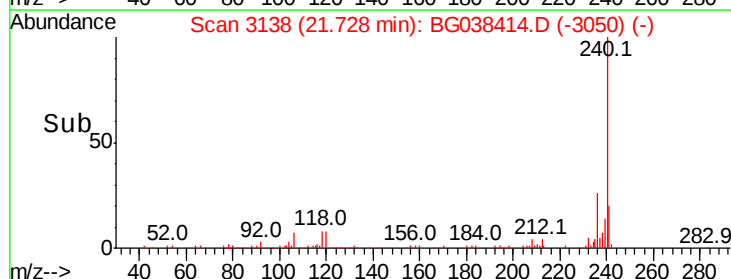
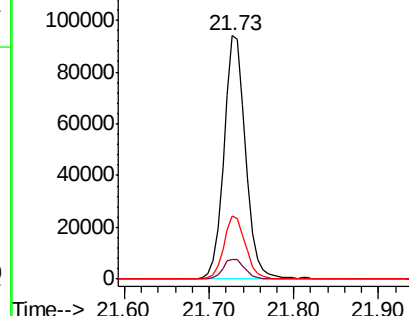


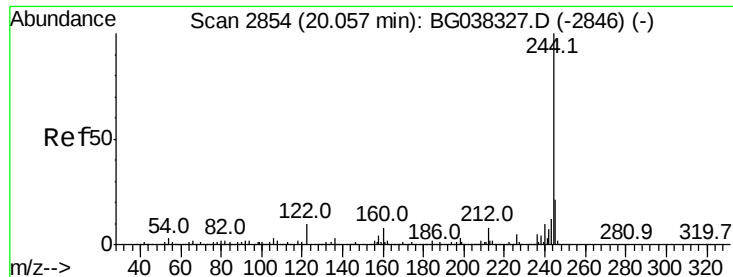
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3138
Delta R.T. -0.02 min
Lab File: BG038414.D
Acq: 7 Dec 2018 22:06

Tgt Ion:240 Resp: 167466
Ion Ratio Lower Upper
240 100
120 8.2 8.1 12.1
236 26.1 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 82.712 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG038414.D

Acq: 7 Dec 2018 22:06

Instrument :

BNA_G

ClientSampleId :

VNJ-218

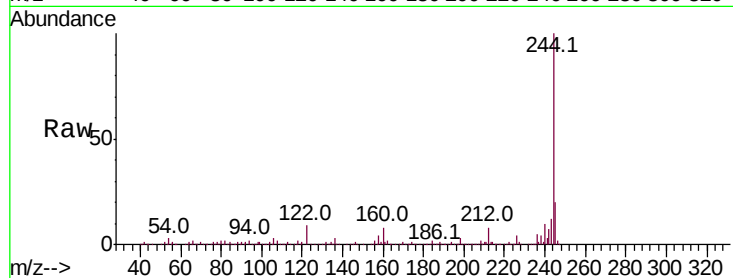
Tot Ion:244 Resp: 646583

Ion Ratio Lower Upper

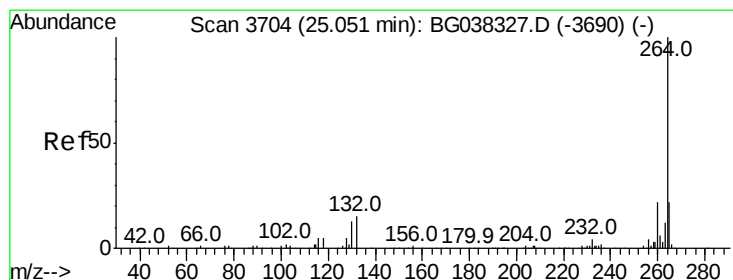
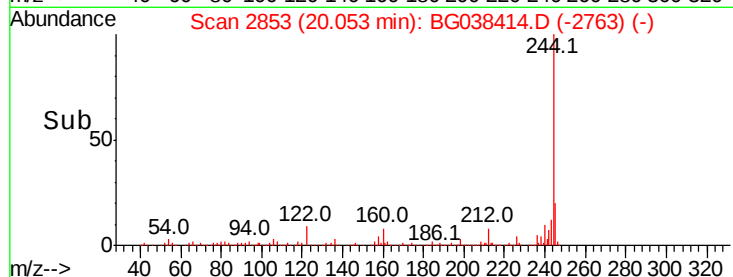
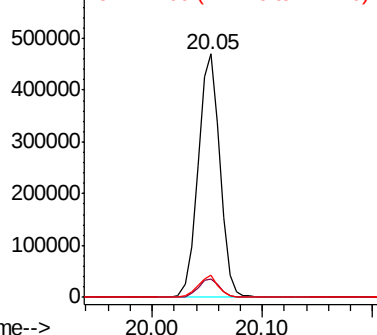
244 100

212 7.6 6.5 9.7

122 8.9 9.0 13.4#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3701

Delta R.T. -0.02 min

Lab File: BG038414.D

Acq: 7 Dec 2018 22:06

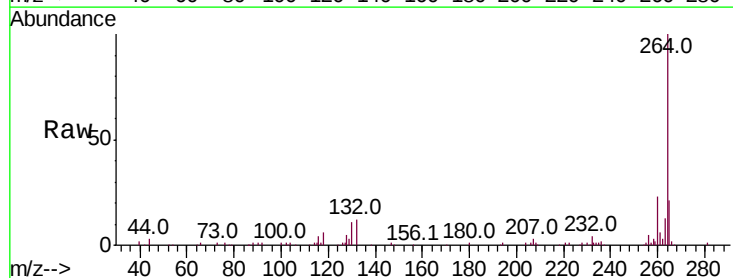
Tgt Ion:264 Resp: 170669

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.4

265 20.6 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

